

## GLASBORD® CEILING PANELS

**CLASS A or C FIRE RATING PER ASTM E-84 and CAN/ULC-S102-10 TESTED**

**PRODUCT CODE: FXE, FX, CGI, PCI, PSIF**

### PRODUCT

Glasbord with Surfaseal is made of fiberglass reinforced plastic. Glasbord is a durable, flexible building material and will not mold, mildew, rot or corrode. It exhibits excellent resistance to mild chemicals and moisture.

### SURFASEAL FINISH

Surfaseal is a unique surface treatment that, when compared to ordinary FRP, exhibits up to ten times cleanability, six times the stain resistance and twice the abrasion resistance.

### PURPOSE

Glasbord with Surfaseal embossed panels are designed for interior ceiling finishes where a Class A or C, sanitary, easy-to-clean panel is desired.

### CEILING APPLICATION

Glasbord panels are approved for lay-in ceiling applications in a steel suspended ceiling system, without overlaid gypsum or insulation panels or blankets.

### PHYSICAL PROPERTIES

PRODUCT		NOMINAL THICKNESS	FINISH	COLOR	FIRE RATING	CALCULATED DEFLECTION POTENTIAL		TECHNICAL DATA*
NAME	CODE					2' x 4' PANEL (0.6m x 1.2m)	2' x 2' PANEL (0.6m x 0.6m)	
FIRE-X GLASBORD (FM APPROVED)	FXE	0.09"   2.3 mm	Embossed	White 85	Class A	0.470" 11.9 mm	0.187" 4.7 mm	6223
FIRE-X GLASBORD	FX	0.10"   2.5 mm				0.472" 12.0 mm	0.188" 4.8 mm	6226
		0.12"   3.0 mm				0.240" 6.1 mm	0.095" 2.4 mm	6226
GLASBORD	CGI	0.10"   2.5 mm	Embossed	Class C	0.330" 8.4 mm	0.132" 3.4 mm	6909	
	PSIF	0.075"   1.91 mm	Smooth		Class C	0.355" 9.0 mm	0.142" 3.6 mm	7091

\*All fiberglass panels are prone to deflection(also called "pillowing" or "sag") when suspended in a grid system. Room operating conditions (temperature extremes and prolonged humidity) are contributing factors. Insulation overlaid on the panels, and certain critical lighting conditions will exaggerate the perception of the deflection. To minimize warping due to moisture absorption, the ceiling plenum must be ventilated to prevent condensation on the back of the ceiling panels.

\*\* Fire-X Glasbord (FXE and FFSM) is the only fiberglass reinforced interior wall and ceiling panel that is accepted under Factory Mutual Research approved FRP, Plastic Interior Finish Materials when installed in accordance with Factory Mutual Research Approval Standard 4880. This information is available at [www.approvalguide.com](http://www.approvalguide.com) and [www.FRP.com/FMAApproved.pdf](http://www.FRP.com/FMAApproved.pdf).

### FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by Crane Composites products under actual fire conditions and this product has not been tested by Crane Composites except as set forth below. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "Tunnel Test").

CRANE COMPOSITES PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, FRP may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation. We believe all information given is accurate, without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents. [www.astm.org/Standards/E84.htm](http://www.astm.org/Standards/E84.htm).

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